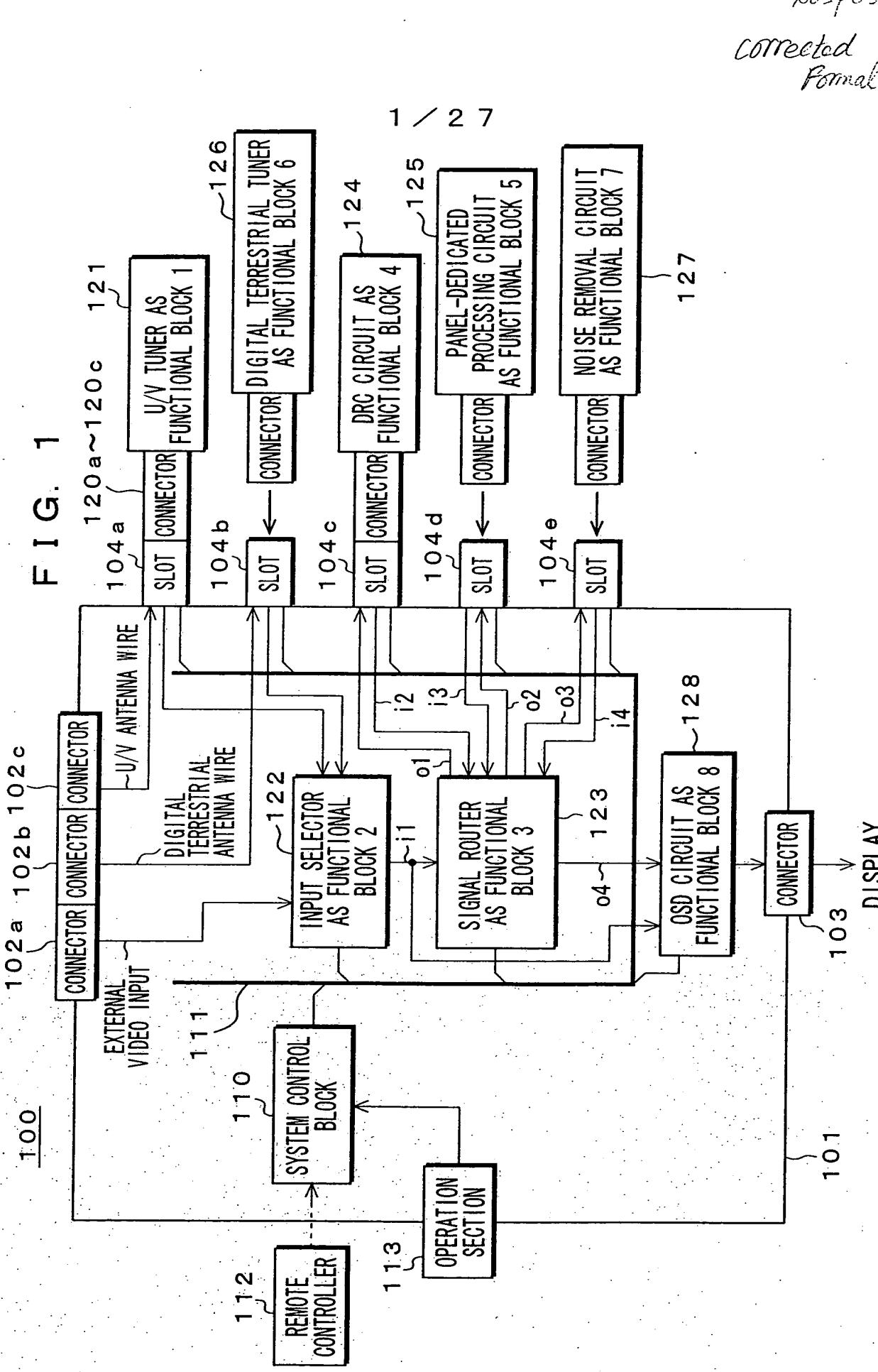


REPLACEMENT  
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0054550646

Corrected  
Formal Drawing



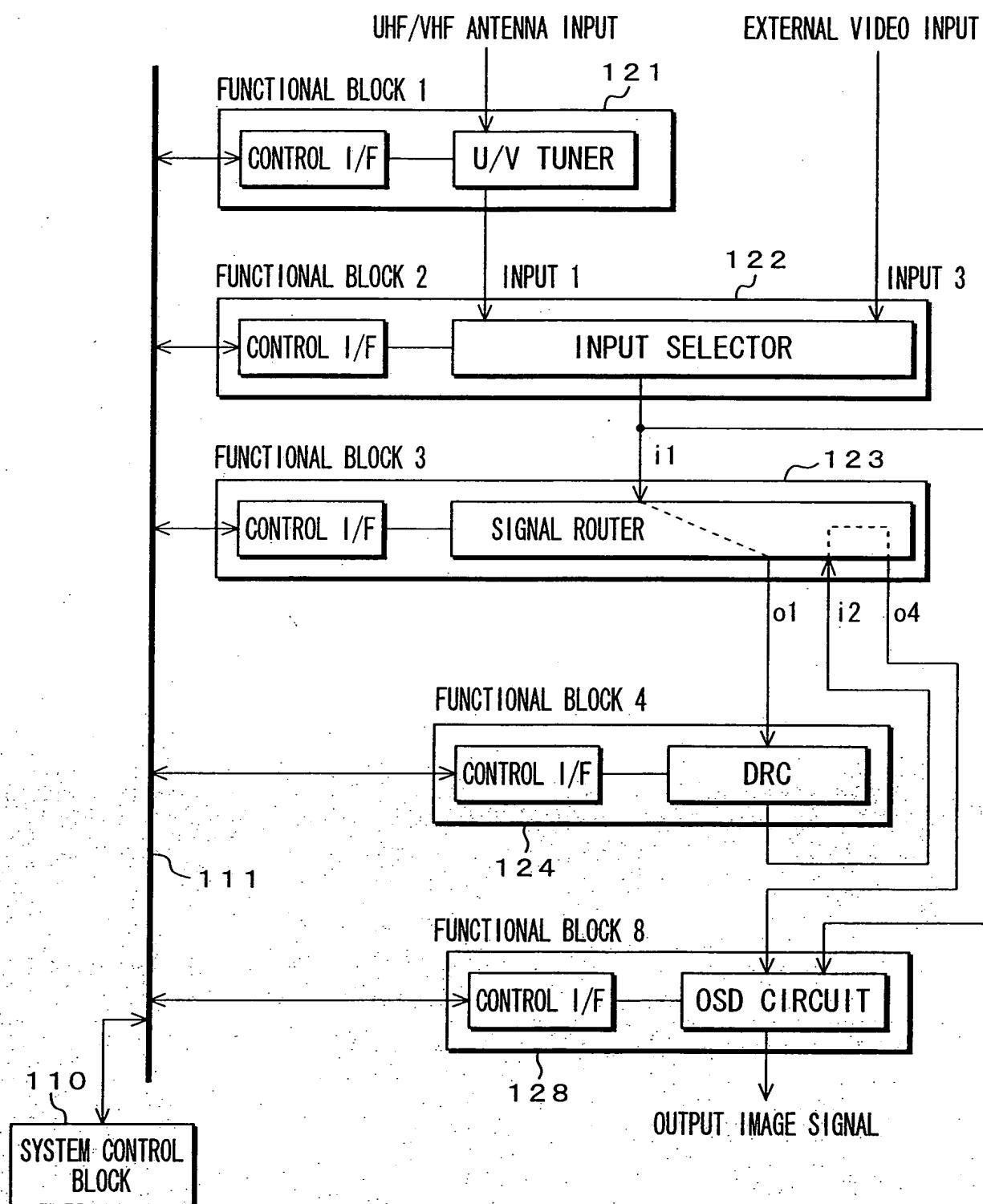
F I G. 5

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COMMON COMMANDS	MEANING OF COMMON COMMANDS	INITIAL VALUES	FUNCTIONAL BLOCKS IN CHARGE	INTRA-FUNCTIONAL-BLOCK COMMANDS	MEANING OF INTRA-FUNCTIONAL-BLOCK COMMANDS
ch(1)-ch(12)	CHANNEL Nos. 1-12	LAST MEMORY	1:U/V TUNER 8:OSD CIRCUIT	ch (1-12) writeInputUvh (1-12)	SWITCH OF CHANNEL
in(1)-in(3)	1: UHF/VHF; 2: DIGITAL TERRESTRIAL; 3: VIDEO	LAST MEMORY	2: INPUT SELECTOR 8:OSD CIRCUIT	in (1-3) writeInput (1-3)	DISPLAY OF CHANNEL SWITCH OF INPUT
DRCvo Exec (on/off)	SWITCH OF DRC VOLUME PROCESSING	DRCvo Exec (on)	8:OSD CIRCUIT	writeProcessVol (on/off) displayInput (in1/in2)	DISPLAY OF DRC VOLUME PROCESSING SWITCH OF CHILD-SCREEN INPUT SOURCE
DRCvo  (resolutionVal, noiseVal)	ADJUSTMENT OF DRC RESULTION AXIS AND NOISE AXIS	LAST MEMORY	4:DRC	displaySize (in1, size1)/displaySize (in2, size1) volume (resolutionVal, noiseVal)	DISPLAY OF IMAGE SIZE SUBSTITUTION OF DRC (RESULTION AXIS, NOISE AXIS) VOLUME VALUE
DRCzoom Exec (on/off)	SWITCH OF DRC ZOOM PROCESSING	DRCzoom Exec (off)	8:OSD CIRCUIT	writeProcessDRCvo (resolutionVal, noiseVal) noiseSupress (noiseVal)	DISPLAY OF DRC VOLUME VALUE SUBSTITUTION OF NOISE SUPPRESSION VALUE
DRCzoom  (ratioVal, horizontalVal, verticalVal)	ADJUSTMENT OF DRC ZOOM RATIO AND POSITIONS	DRCzoom (initRatio, initHoi, initVer)	4:DRC	zoom (initRatio/1, initHoi/0, initVer/0)	SUBSTITUTION OF DRC ZOOM INITIAL VALUE
InitializeConnect (1/2/3/4/5)	INTER-FUNCTIONAL-BLOCK CONNECTIONS 1-5		8:OSD CIRCUIT	writeProcessZoom (on/off) displayInput (in1, in2/in1 or in2) displaySize (in1 size1), displaySize (in2 size2) /displaySize (in1 or in2, size1)	DISPLAY OF DRC ZOOM PROCESSING SWITCH OF CHILD-SCREEN INPUT SOURCE
				writeZoomFrame (initRatio, initHoi, initVer/off) writeProcessDRCzoom (initRatio, initHoi, initVer /off)	DISPLAY OF ZOOM FRAME ON CHILD SCREEN DISPLAY OF INITIAL VALUES OF DRC ZOOM RATIO AND POSITIONS
				zoom (ratioVal, horizontalVal, verticalVal) writeZoomFrame (ratioVal, horizontalVal , verticalVal)	SUBSTITUTION OF DRC ZOOM VALUE DISPLAY OF ZOOM FRAME ON CHILD SCREEN
				writeProcessDRCzoom (ratioVal, horizontalVal , verticalVal)	DISPLAY OF DRC ZOOM RATIO AND POSITIONS
				route (1/2/3)	SWITCH OF INTER-PROCESSING-SUBSTRATE CONNECTION
				writeRoute (1/2/3/4/5)	DISPLAY OF CONNECTION STATUS

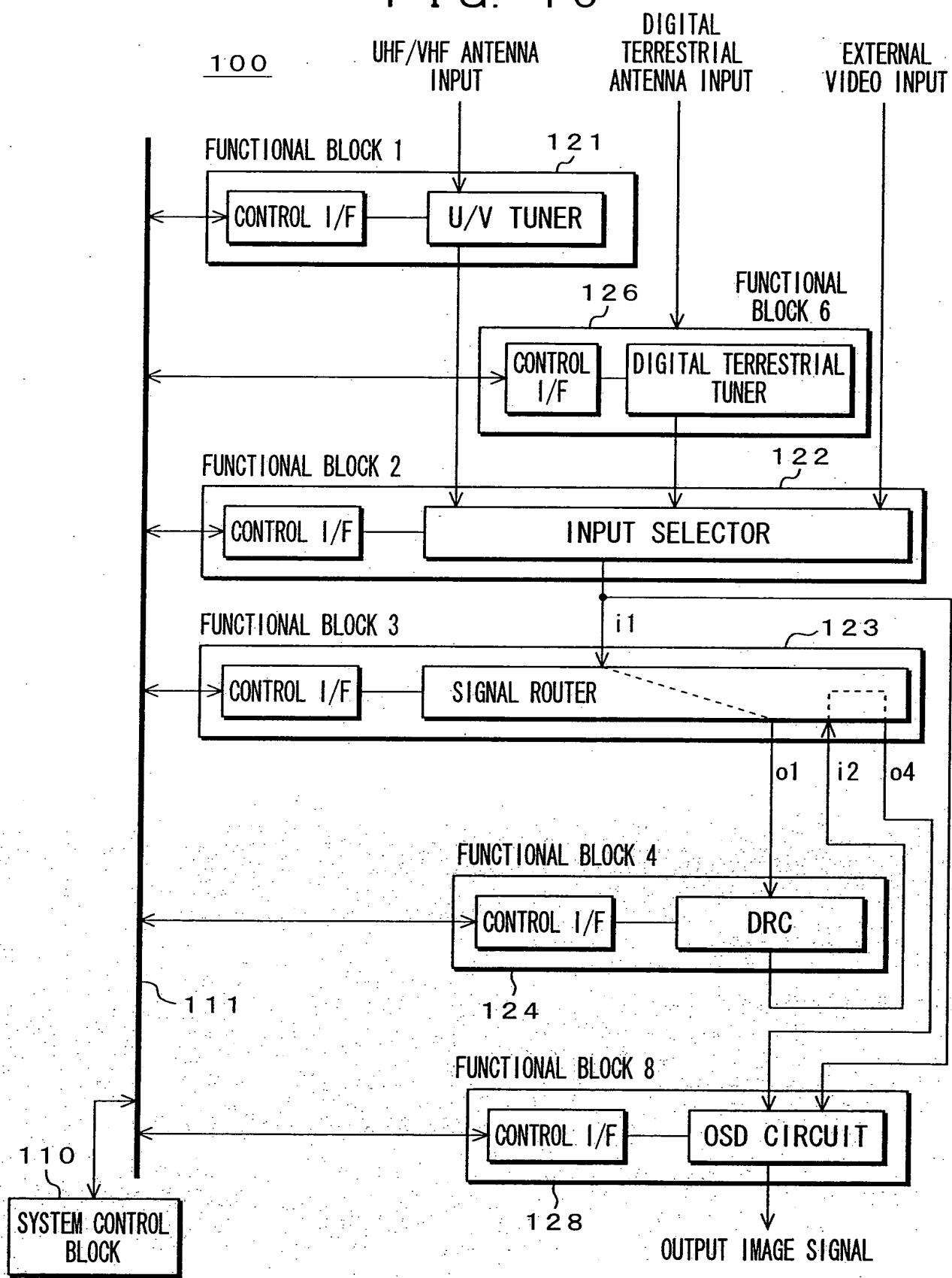
F I G. 9

100



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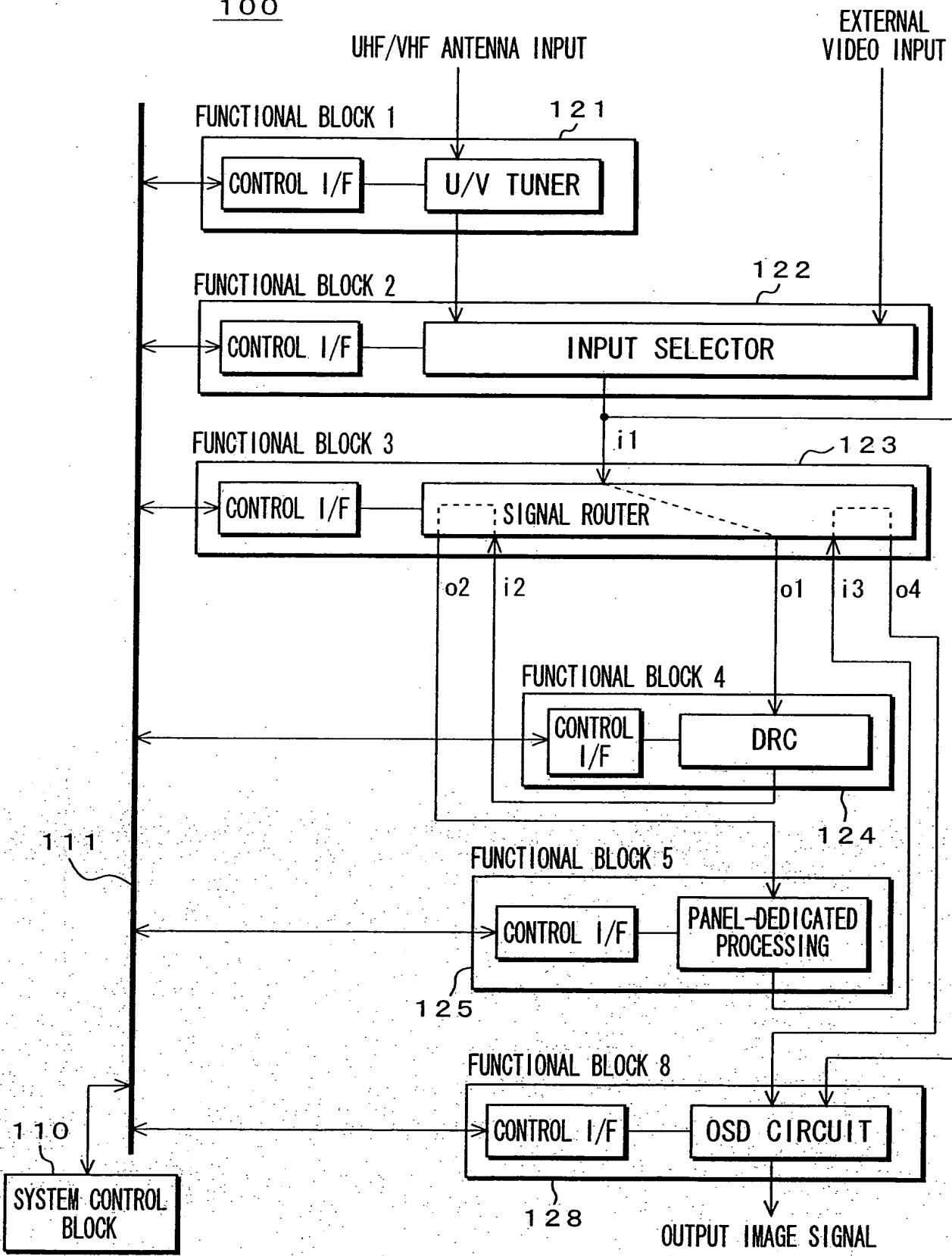
FIG. 10



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F I G. 11

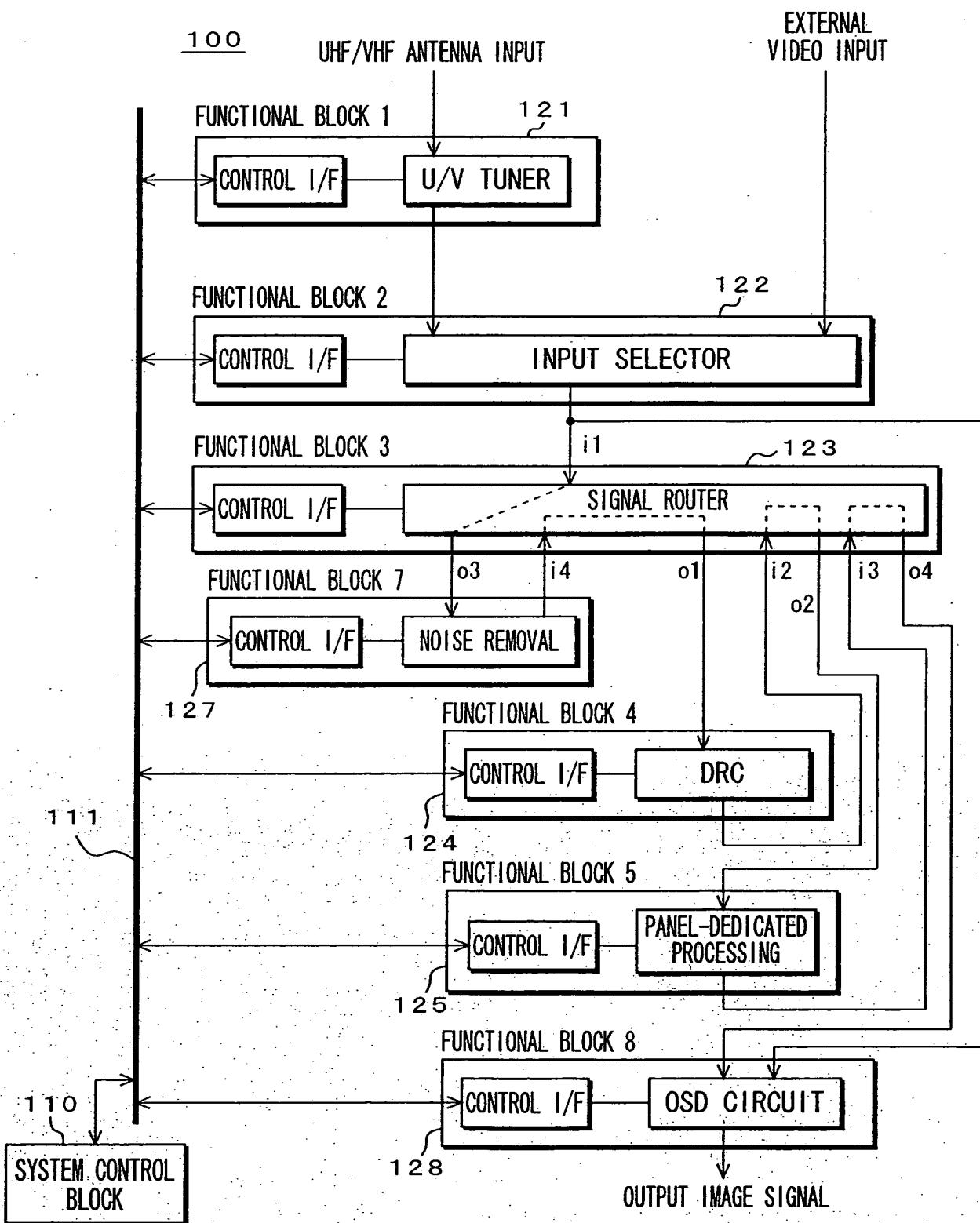
100



## **REPLACEMENT SHEET**

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FIG. 12



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FIG. 13

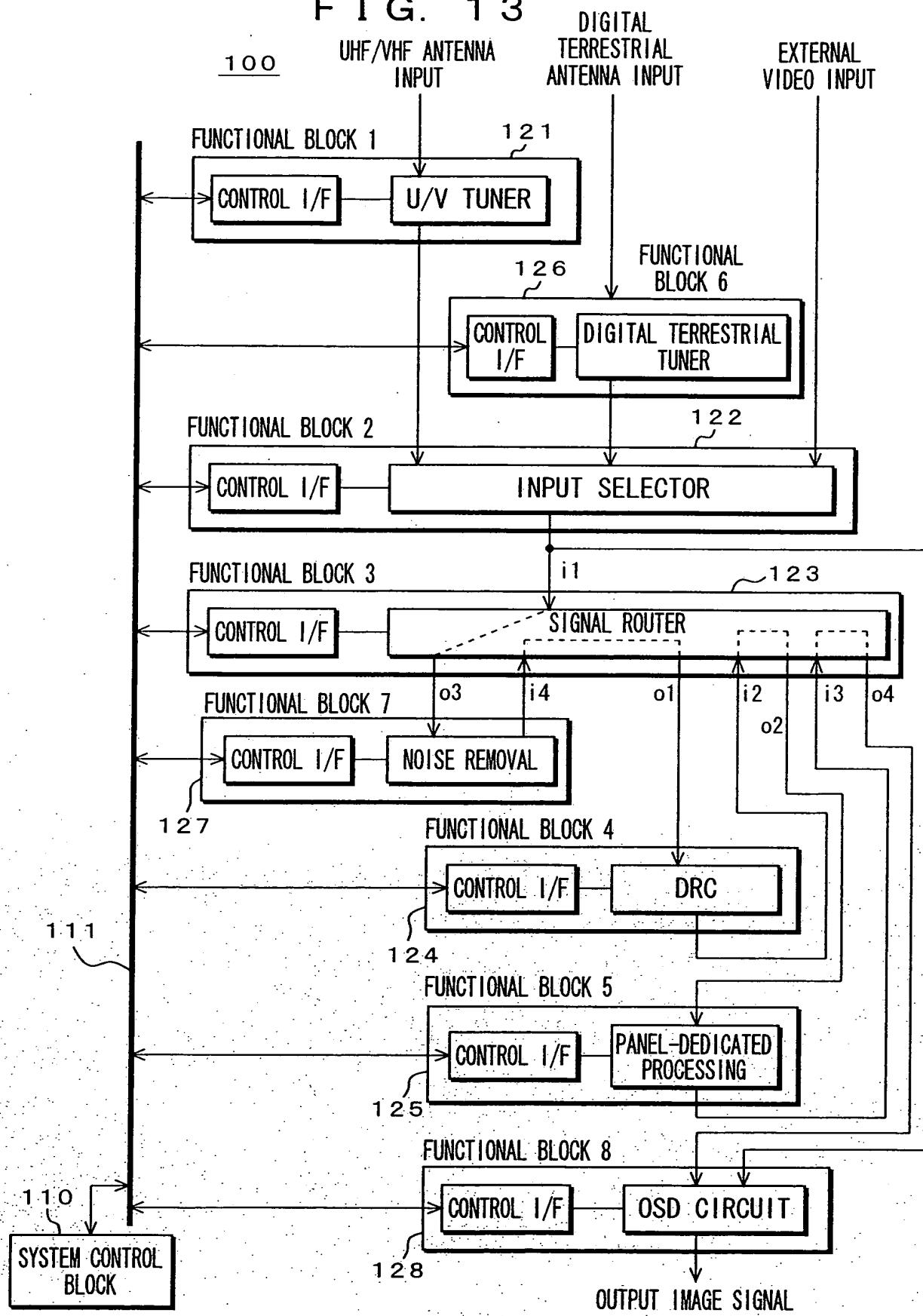
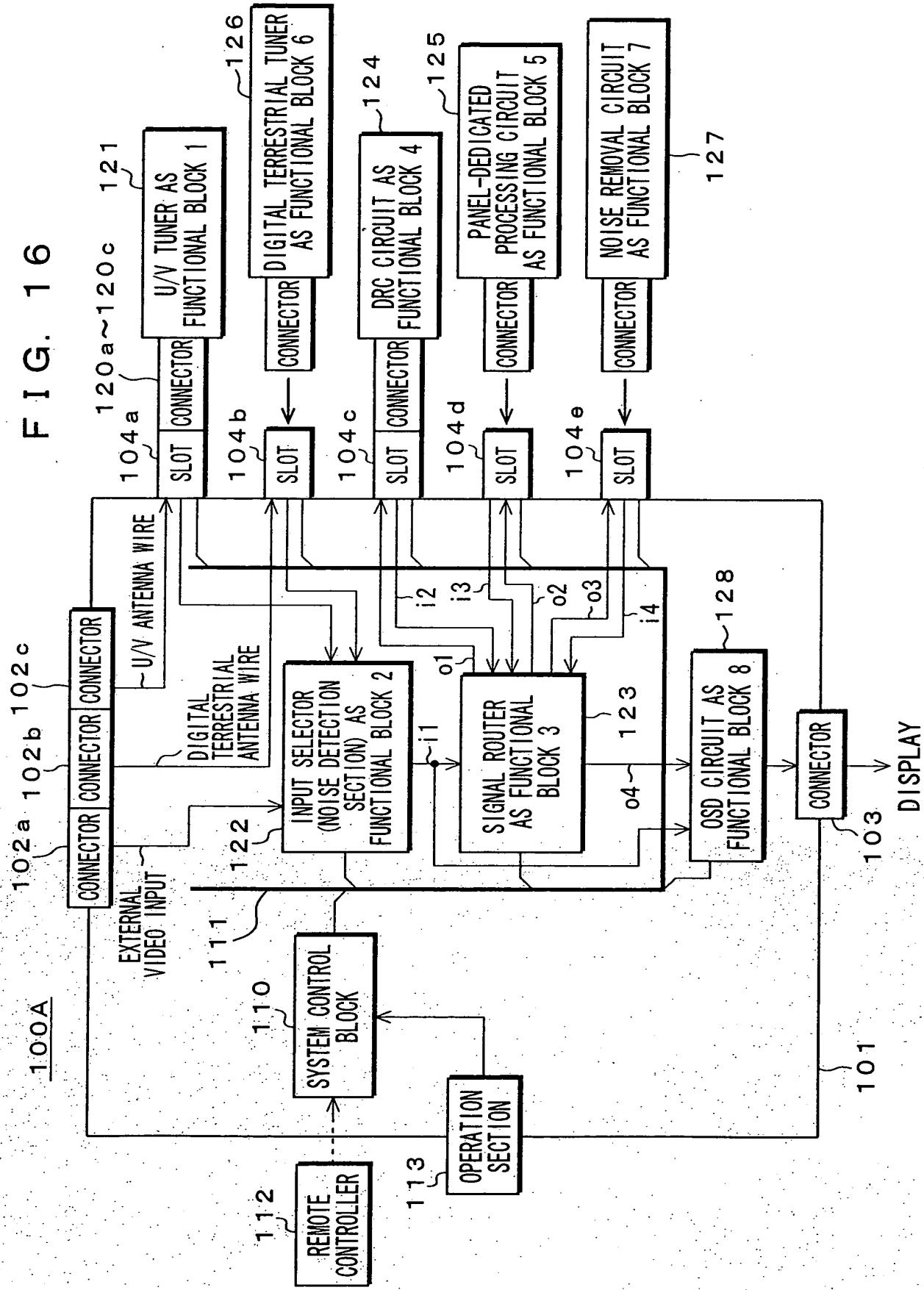


FIG. 15

COMMON COMMANDS	MEANING OF COMMON COMMANDS	INITIAL VALUES	FUNCTIONAL BLOCKS IN CHARGE	INTRA-FUNCTIONAL-BLOCK COMMANDS	MEANING OF INTRA-FUNCTIONAL-BLOCK COMMANDS
DRCvol (resolutionVal , noiseVal)	ADJUSTMENT OF DRC RESOLUTION AXIS AND NOISE AXIS	LAST MEMORY	4:DRC (VERSION UPGRADE)	volumeResolution (resolutionVal)	SUBSTITUTION OF DRC (RESOLUTION AXIS) VOLUME VALUE
DRCzoomExec (on/off)	SWITCH OF DRC ZOOM PROCESSING	DRCzoomExec (off)	4:DRC (VERSION UPGRADE)	volumeNoise (noiseVal)	SUBSTITUTION OF DRC (NOISE AXIS) VOLUME VALUE
DRCzoom (ratioVal, horizontalVal, verticalVal)	ADJUSTMENT OF DRC ZOOM RATIO AND POSITIONS	DRCzoom (InitRatio, InitHori, InitVer)	4:DRC (VERSION UPGRADE)	zoom (InitRatio/1, InitHori/0, InitVer/0)	SUBSTITUTION OF DRC ZOOM INITIAL VALUE

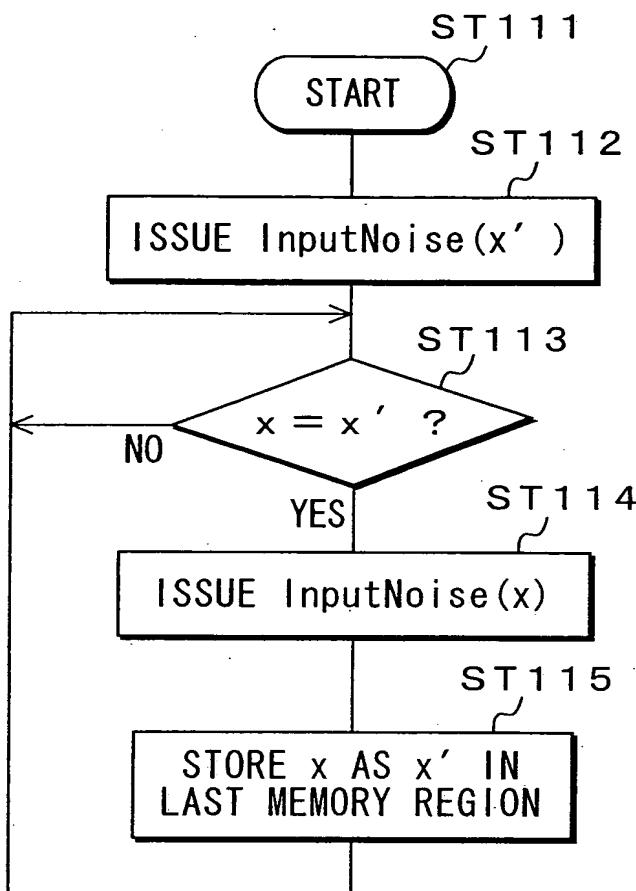
FIG. 16



**REPLACEMENT  
SHEET**

1 5 / 2 7

**F I G. 19**



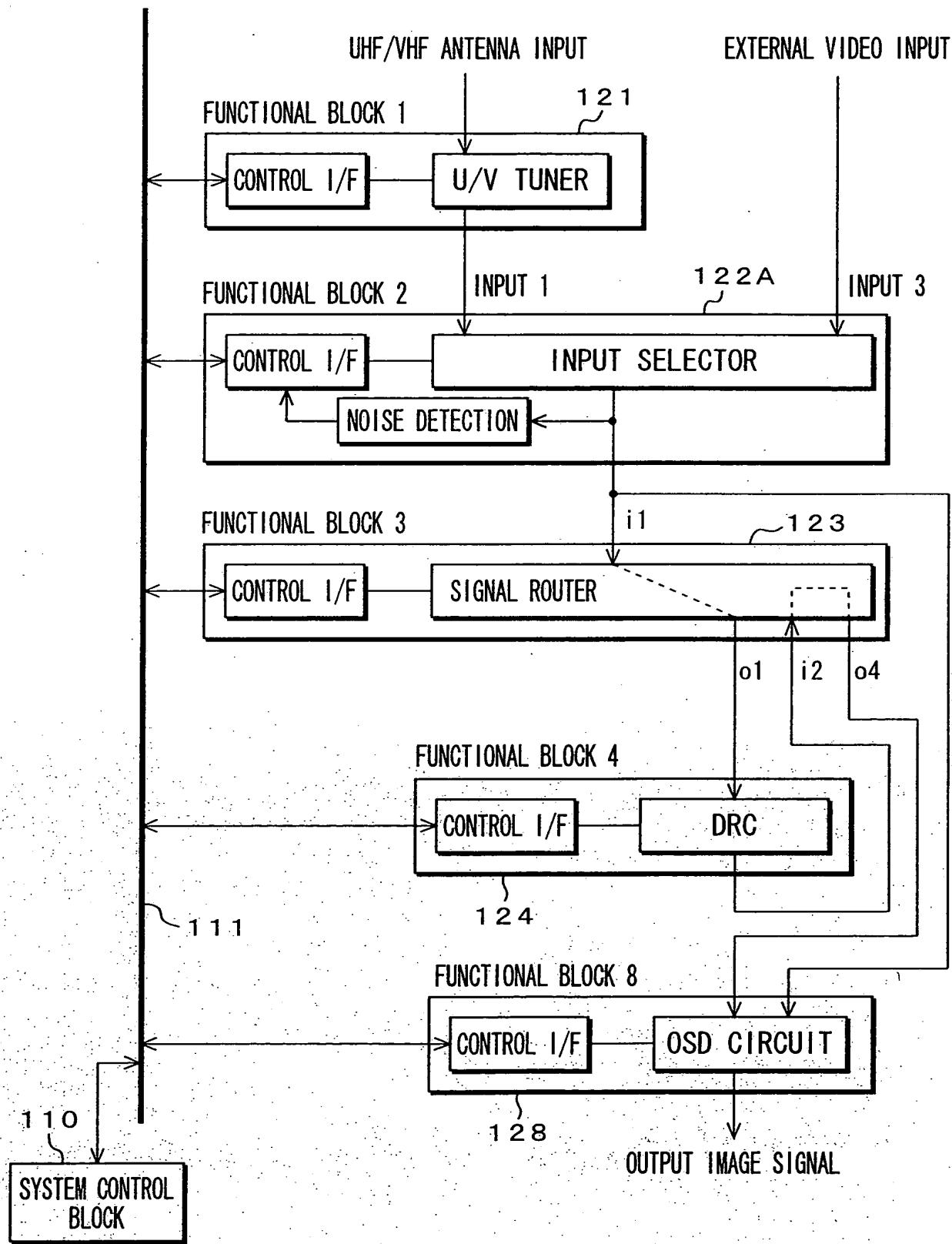
**F I G. 20**

COMMON COMMAND	MEANING OF COMMON COMMAND	INITIAL VALUE	FUNCTIONAL BLOCKS IN CHARGE	INTRA-FUNCTIONAL- BLOCK COMMANDS	MEANING OF INTRA- FUNCTIONAL-BLOCK COMMANDS
InputNoise (0-9)	INPUT NOISE LEVEL	LAST MEMORY	4:DRC	volumeNoise (noiseVal)	SUBSTITUTION OF DRC (NOISE AXIS) VOLUME VALUE
			7:NOISE REMOVAL	noiseSuppress (0-9)	SUBSTITUTION OF NOISE SUPPRESSION VALUE
			3:SIGNAL ROUTER	route(3/4)	SWITCH OF INTER- PROCESSING-SUBSTRATE CONNECTION
			8:OSD CIRCUIT	writeInputNoise (0-9)	DISPLAY OF INPUT NOISE LEVEL

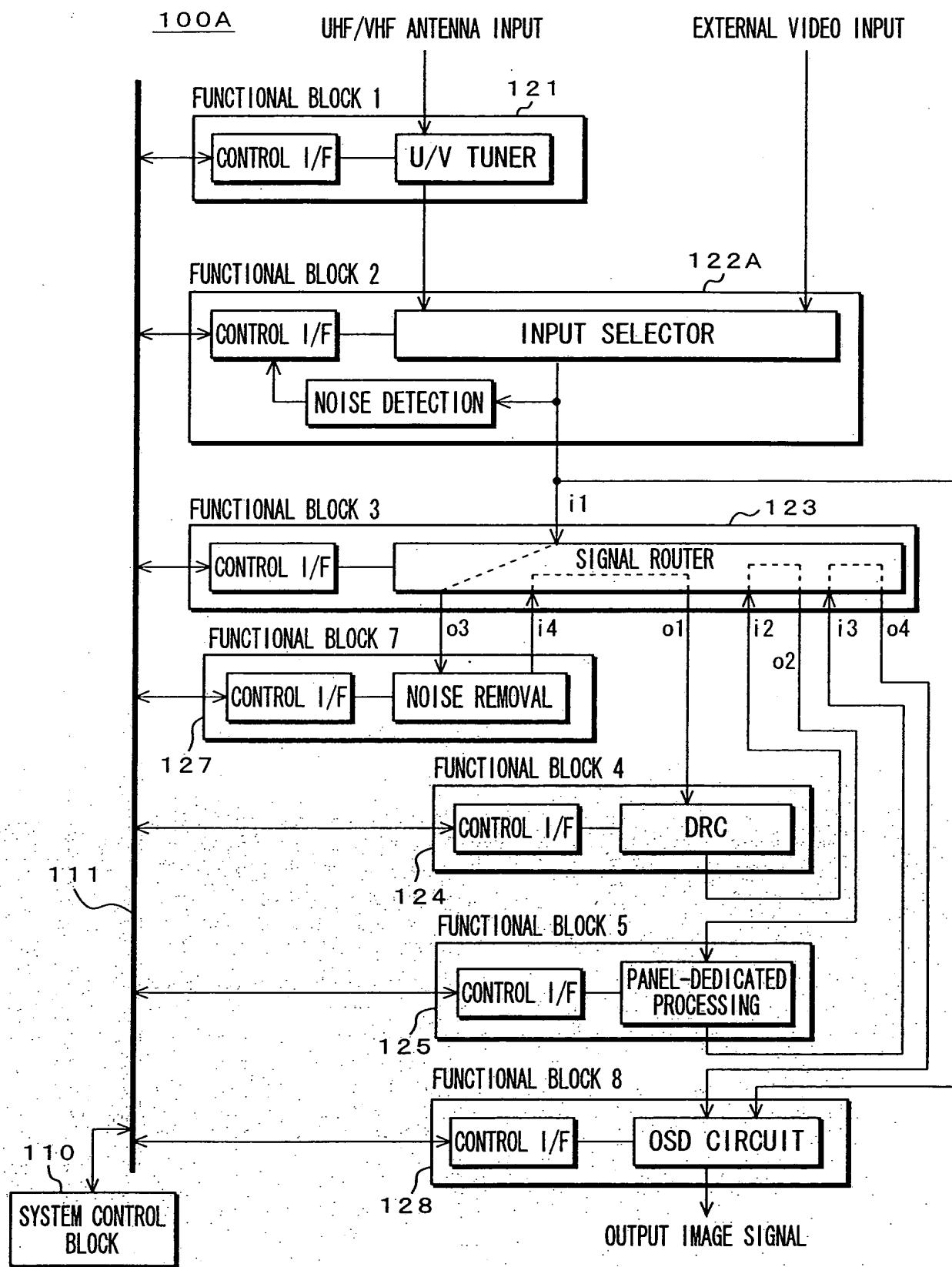
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FIG. 23

100A



F I G. 2 4



REPLACEMENT  
SHEET

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FIG. 25

100A      UHF/VHF ANTENNA INPUT      EXTERNAL VIDEO INPUT

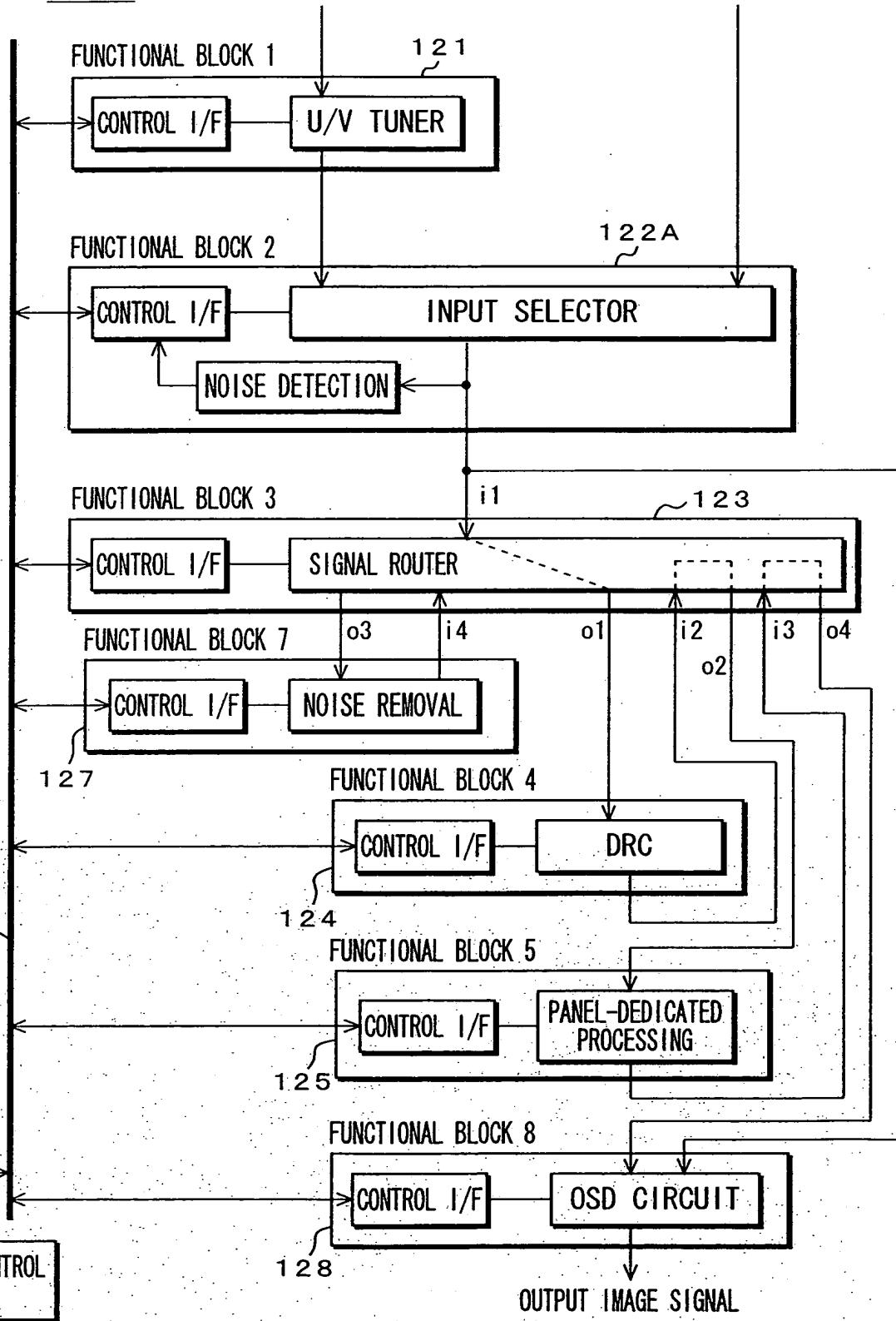
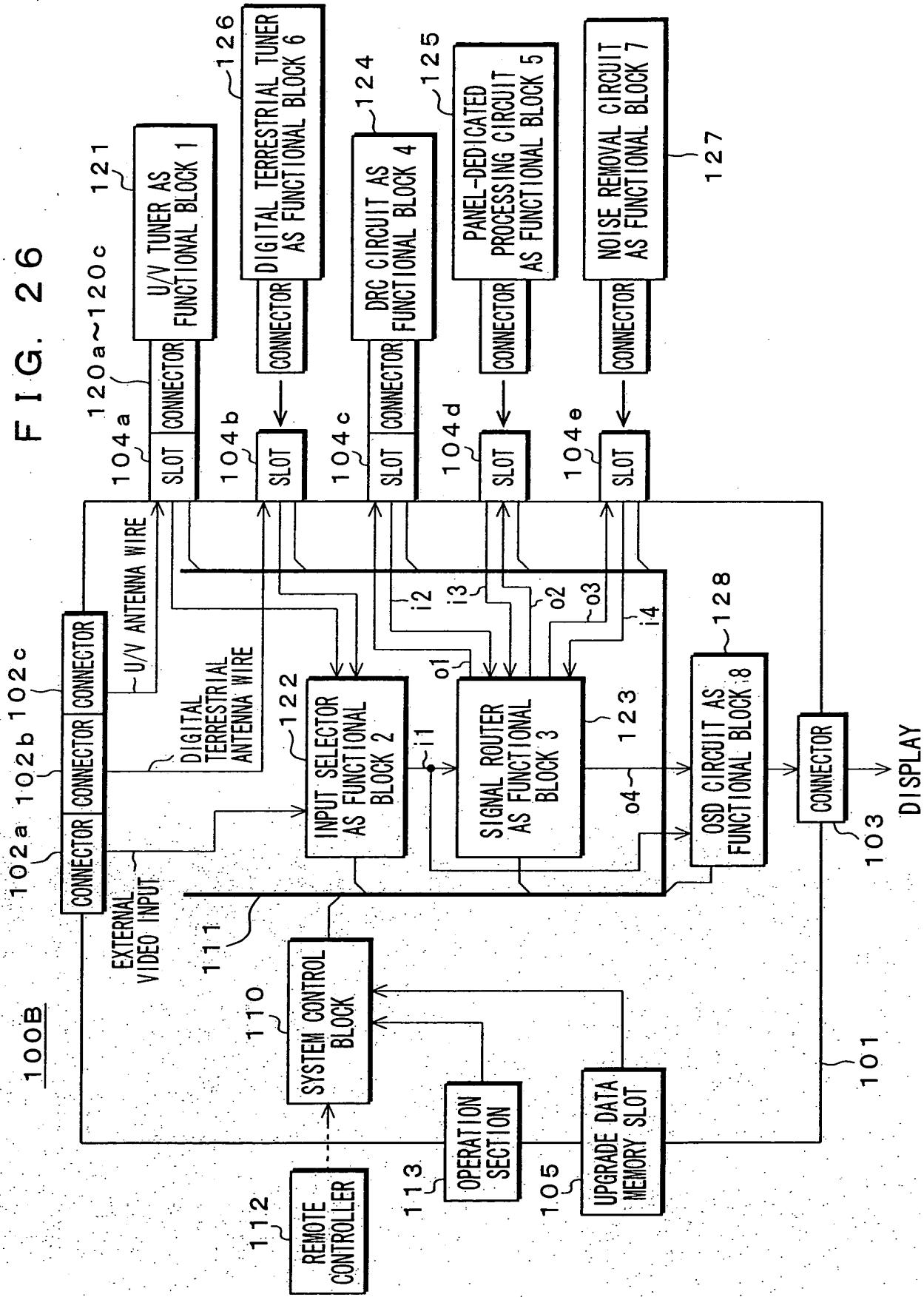


FIG. 26



F I G. 29

COMMON COMMANDS	IDENTIFIERS (12 BIT)	MEANING OF COMMON COMMANDS	INITIAL VALUES	FUNCTIONAL BLOCKS IN CHARGE	INTRA-FUNCTIONAL-BLOCK COMMANDS	MEANING OF INTRA-FUNCTIONAL-BLOCK COMMANDS
ch(1)-ch(12)	0xC01 -0xC0C	CHANNEL Nos. 1-12	LAST MEMORY	1:U/V TUNER 8:OSD CIRCUIT	ch(1-12) writeInputUVch(1-12)	SWITCH OF CHANNEL
in(1)-in(3)	0xA01	1: UHF/VHF; 2: DIGITAL TERRESTRIAL; 3: VIDEO	LAST MEMORY	2: INPUT SELECTOR 8:OSD CIRCUIT	in(1-3) writeInput(1-3)	DISPLAY OF CHANNEL SWITCH OF INPUT
DRCvolExec (on/off)	0x501	SWITCH OF DRC VOLUME PROCESSING	DRCvol Exec (on)	8:OSD CIRCUIT	writeProcessVol (on/off) displayInput (in1/in2)	DISPLAY OF DRC VOLUME PROCESSING SWITCH OF CHILD-SCREEN INPUT SOURCE
DRCvol (resolutionVal, noiseVal)	0x502	ADJUSTMENT OF DRC RESOLUTION AXIS AND NOISE AXIS	LAST MEMORY	4:DRC	volume (resolutionVal, noiseVal) 8:OSD CIRCUIT	IMAGE SIZE SUBSTITUTION OF DRC (RESOLUTION AXIS, NOISE AXIS) VOLUME VALUE
Initialize Connect (1/2/3/4/5)	0x001	INTER-FUNCTIONAL-BLOCK CONNECTIONS 1-5	LAST MEMORY	3: SIGNAL ROUTER 8:OSD CIRCUIT	noiseRemoval noiseSuppress (noiseVal) route (1/2/3)	DISPLAY OF NOISE SUPPRESSION VALUE SWITCH OF INTER-PROCESSING-SUBSTRATE CONNECTION
					writeRoute (1/2/3/4/5)	DISPLAY OF CONNECTION STATUS

# F I G. 30

2 3 / 2 7

COMMON COMMANDS	IDENTIFIERS (12 BIT)	MEANING OF COMMON COMMANDS	INITIAL VALUES	FUNCTIONAL BLOCKS IN CHARGE	INTRA-FUNCTIONAL-BLOCK COMMANDS	MEANING OF INTRA-FUNCTIONAL-BLOCK COMMANDS
ch (1) -ch (12)	0x001 -0x00C	CHANNEL Nos. 1-12	LAST MEMORY	1:U/V TUNER 8:OSD CIRCUIT	ch (1-12)	SWITCH OF CHANNEL
in(1) -in(3)	0xA01	1: UHF/VHF; 2: DIGITAL TERRESTRIAL; 3: VIDEO	LAST MEMORY	2: INPUT SELECTOR 8:OSD CIRCUIT	writeInput(in1-3)	DISPLAY OF CHANNEL
DRCvolExec (on/off)	0x501	SWITCH OF DRC VOLUME PROCESSING	DRCvol Exec (on)	8:OSD CIRCUIT	writeProcessVol (on/off) displayInput (in1/in2)	SWITCH OF INPUT
DRCvol (resolutionVal, noiseVal)	0x502	ADJUSTMENT OF DRC RESOLUTION AXIS AND NOISE AXIS	LAST MEMORY	4:DRC	displaySize (in1, size1) / displaySize (in2, size1)	DISPLAY OF INPUT
DRCzoomExec (on/off)	0x503	SWITCH OF DRC ZOOM PROCESSING	DRCzoom Exec (off)	8:OSD CIRCUIT	volume (resolutionVal, noiseVal)	DISPLAY OF IMAGE SIZE
DRCzoom (ratioVal, horizontalVal, verticalVal)	0x504	ADJUSTMENT OF DRC ZOOM RATIO AND POSITIONS		4:DRC DRCzoom (InitRatio, InitVol, InitHor, InitVer)	writeProcessDRCvol (resolutionVal, noiseVal) noiseSuppress (noiseVal) zoom (InitRatio/1, InitVol/0, InitVer/0)	SUBSTITUTION OF DRC (RESOLUTION AXIS, NOISE AXIS) VOLUME VALUE
Initialize Connect (1/2/3/4/5)	0x001	INTER-FUNCTIONAL-BLOCK CONNECTIONS 1-5	LAST MEMORY	3: SIGNAL ROUTER 8:OSD CIRCUIT	displayInput (in1/in1 or in2) displayZoom (on/off) displaySize (in1, size1), displaySize (in2, size0, 25) /displaySize (in1 or in2, size1)	DISPLAY OF DRC VOLUME VALUE
					writeZoomFrame (InitRatio, InitVol, InitHor, InitVer/off)	DISPLAY OF NOISE SUPPRESSION VALUE
					writeProcessDRCzoom (InitRatio, InitVol, InitHor, InitVer /off)	SUBSTITUTION OF DRC ZOOM INITIAL VALUE
					displayInput (in1, horizontalVal, verticalVal)	SWITCH OF DRC ZOOM PROCESSING
					displaySize (in1, size1), displaySize (in2, size0, 25) /displaySize (in1 or in2, size1)	DISPLAY OF IMAGE SIZE
					writeZoomFrame (ratioVal, horizontalVal, verticalVal)	DISPLAY OF ZOOM FRAME ON CHILD SCREEN
					writeProcessDRCzoom (ratioVal, horizontalVal, verticalVal)	SUBSTITUTION OF INITIAL VALUES OF DRC ZOOM RATIO AND POSITIONS
					zoom (ratioVal, horizontalVal, verticalVal)	DISPLAY OF ZOOM FRAME ON CHILD SCREEN
					writeRoute (1/2/3)	SWITCH OF INTER-PROCESSING-SUBSTRATE CONNECTION
					writeRoute (1/2/3/4/5)	DISPLAY OF CONNECTION STATUS